

Wednesday, March 19, 1997
IRON METEORITES
8:30 a.m. Room D

**Chairs: I. Casanova
U. B. Marvin**

Ulff-Møller F.*
Liquid Immiscibility in the IIAB Iron Meteorite Parent Body

Petaev M. I.*
Cr-bearing Minerals in the Gibeon IVA Iron: Indicators of Sulfur and Oxygen Fugacities in the Parent Body

Marvin U. B.* Petaev M. I. Croft W. J. Killgore M.
Silica Minerals in the Gibeon Iva Iron Meteorite

Shukolyukov A.* Lugmair G. W.
The ^{53}Mn - ^{53}Cr Isotope System in the Omolon Pallasite and the Half-Life of ^{187}Re

Shen J. J.* Papanastassiou D. A. Wasserburg G. J.
Re-Os Systematics in Pallasites and Mesosiderites

Chen J. H.* Papanastassiou D. A. Wasserburg G. J.
Re-Os Systematics in Chondrites and Iron Meteorites

Smoliar M. I.* Walker R. J. Morgan J. W.
Re-Os Isotopic Constraints on the Crystallization History of IIAB Iron Meteorites

Horan M. F. Smoliar M. I. Walker R. J.* Morgan J. W.
Coupled ^{182}W and ^{187}Re - ^{187}Os Isotopic Constraints on the Origin of Group IIAB, IVA, and IVB Iron Meteorites

Palma R. L.* Mathew K. J. Marti K.
Nitrogen Isotopic Signatures from the Metal Phase of IIE and IVA Iron Meteorites

Holmden C.* Papanastassiou D. A. Wasserburg G. J.
Negative Thermal Ionization Mass Spectrometry of Oxygen in Phosphates